Table A-1: Phase 1 Remedial Investigation Groundwater Sample Summary
Groundwater Sampling

Sample Location	Sample Identification	Sampling Method	Analyses											
			[1]Field Parameters	Total Dissolved Solids	VOCs (low water)	SVOCs	(Unfiltered) TAL Metals (includes Mercury)	(Filtered) TAL Metals (includes Mercury)	Cyanide	Hexavalent Chromium	PCBs	Herbicides	PFCs	TPH
Monitoring Wells														
MW-01	MW-01	Micro Purge and Sample	X	X	X	X	X	X	X	X	X	X	X	X
MW-02	MW-02	Micro Purge and Sample	X	X			X	X	X	X				
MW-03	MW-03	Micro Purge and Sample	X	X			X	X	X	X				
WW-01	WW-01	Micro Purge and Sample	X	X			X	X	X	X				
WW-02	WW-02	Micro Purge and Sample	X	X			X	X	X	X				
		Subtotal Monitoring Wells	**5**	**5**	**1**	**1**	**5**	**5**	**5**	**5**	**1**	**1**	**1**	**1**
		Total Groundwater Samples	**5**	**5**	**1**	**1**	**5**	**5**	**5**	**5**	**1**	**1**	**1**	**1**
Ground Water QC Samples														
Field duplicates	Same as original with "-D" added to the ID, for example MW-16-D	1 per 10 samples			1	1	1	1	1	1	1	1	1	1
MS/MSDs	Same as original sample identification	1 per 20 samples (extra volume consisting of one container for MS and one container for MSD per each MS/MSD sample)			1	1	1	1	1	1	1	2	1	1
Trip blanks	TB with number; for example TB-1, TB-2, etc.	1 per cooler containing aqueous samples for VOC analysis			1							0		
Equipment blanks	ER with number; for example ER-1, ER-2, etc.	1 per day per set of for nondedicated equipment per team			1	1	1	1	1	2	1	1	1	1
Total Groundwater Samples Including QC			**5**	**5**	**5**	**4**	**8**	**8**	**8**	**9**	**4**	**5**	**4**	**4**

NOTES:
[1]Field parameters: pH, temperature, conductivity, dissolved oxygen, oxidation-reduction potential, and turbidity
[1] Total dissolved solids, hexavalent chromium, PFC, and TPH analyses for groundwater samples will be conducted by a private laboratory.

PBC = Polychlorinated biphenyls
PFCs = Perfluorochemicals
SVOCs = Semivolatile organic compounds
TAL = Total analyte list
TPH = Total petroleum hydrocarbons
VOCs = Volatile organic compounds

Objective of Sampling - To verify whether or not contaminants of potential concern are present within the alluvial groundwater, and to define the nature and extent of groundwater impact.
Activities to be Conducted - The tasks of this field investigation that will be performed during Phase 1 include: (1) Collection of groundwater samples from the newly installed groundwater monitoring wells, and (2) Collect groundwater samples
Sample Locations - See Figure A-1 in Appendix A of the Sampling and Analysis Plan

Table D-1: Phase 1 Remedial Investigation Surface Water Sample Summary
Surface Water Sampling

Sample Location	Sample Medium	Number of Sample Locations	Sample Identification	Sampling Tool	Sampling Depth	Analyses for Surface Water Samples															
						[1]Field Parameters	VOCs (low water)	SVOCs	(Unfiltered) TAL Metals (includes Mercury)	(Filtered) TAL Metals (includes Mercury)	Cyanide	Hexavalent Chromium	PCBs	Herbicides	PFCs	TPH	Hardness	Total Dissolved Solids	Total Suspended Solids	Alkalinity	Total Organic Carbon
Surface Water Samples																					
LSW- 1	Surface water at Sediment Sample Location	1	LSW-1 1	Peristaltic pump or disposable scoop	0.0 - 0.5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LSW- 2	Surface water at Sediment Sample Location	1	LSW-2 2	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 3	Surface water at Sediment Sample Location	1	LSW-3 3	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
	Surface water at Sediment Sample Location		LSW-3-D		0.0 - 0.5	X			X	X	X	X									
LSW- 4	Surface water at Sediment Sample Location	1	LSW-4 4	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 5	Surface water at Sediment Sample Location	1	LSW-5 5	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 6	Surface water at Sediment Sample Location	1	LSW-6 6	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 7	Surface water at Sediment Sample Location	1	LSW-7 7	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 8	Surface water at Sediment Sample Location	1	LSW-8 8	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 9	Surface water at Sediment Sample Location	1	LSW-9 9	Peristaltic pump or disposable scoop	0.0 - 0.5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LSW- 10	Surface water at Sediment Sample Location	1	LSW-10 10	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 11	Surface water at Sediment Sample Location	1	LSW-11 11	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 12	Surface water at Sediment Sample Location	1	LSW-12 12	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 13	Surface water at Sediment Sample Location	1	LSW-13 13	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 14	Surface water at Sediment Sample Location	1	LSW-14 14	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 15	Surface water at Sediment Sample Location	1	LSW-15 15	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 16	Surface water at Sediment Sample Location	1	LSW-16 16	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
	Surface water at Sediment Sample Location	1	LSW-16-D 16	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 17	Surface water at Sediment Sample Location	1	LSW-17 17	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 18	Surface water at Sediment Sample Location	1	LSW-18 18	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 19	Surface water at Sediment Sample Location	1	LSW-19 19	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
LSW- 20	Surface water at Sediment Sample Location	1	LSW-20 20	Peristaltic pump or disposable scoop	0.0 - 0.5	X			X	X	X	X									
Water QC Samples																					
Field duplicates	Surface Water	Same as original with "-D" added to the ID, for example SW-7-D		1 per 10 samples		#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!

MS/MSDs	Surface Water	Same as original sample identification	1 per 20 samples (extra volume consisting of one container for MS and one container for MSD per each MS/MSD sample)		#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	2	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
Trip blanks	Water	TB with number; for example TB-1, TB-2, etc.	1 per cooler containing aqueous		2														
Equipment	Water	ER with number; for example ER-1, ER-2, etc.	1 per day per set of for nondedicated									2	2						
			Total Samples Including QC Samples	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**

NOTE:

[2] Hexavalent chromium, PFCs, hardness, total dissolved solids, total suspended solids, alkalinity, total organic carbon, and TPH analyses for surface water samples will be conducted by a private laboratory.

[1]Field parameters for surface water included pH, temperature, conductivity, dissolved oxygen, and oxidation reduction potential.

QC = Quality control
SVOCs = Semivolatile organic compounds
PCB = Polychlorinated biphenyl.
PFC = Perfluorochemical.
SVOC = Semivolatile organic compound.
TAL = Target Analyte List.
TB = Trip Blank
TPH = Total petroleum hydrocarbon.
VOC = Volatile organic compound.

Objective of Sampling - To determine points of entry from the site to the nearby drainge systems, and determine the nature and extent of contaminants of potential concern associated with surface water in these asjacent drainge systems.
Activities to be Conducted - The tasks of this field investigation that will be performed during Phase 1 include collection of surface water samples for laboratory analyses.
Sample Locations - See Figure A-4 in Appendix A pf the Sampling and Analysis Plan